

Appl. No. 09/706,926
Amdt. dated December 29, 2003
Reply to Office Action of September 29, 2003

REMARKS

This is in response to the second non-final Office Action mailed September 29, 2003.

Drawings

On page 2, item 4 of the September 29th Office Action, the drawings filed on November 6, 2000 were indicated as not approved by the draftsperson. Although a copy of the form PT0 948 has not been received by the Applicant, Applicant assumes placement of the drawings in formal form will correct such informalities. Applicant will submit formal drawings in a future correspondence.

Claim Objection

On page 2, item 5 of the September 29th Office Action, claim 23 was objected to under 37 C.F.R. 1.75(c) as being of improper dependent form for failing to further limit the subject matter of the previous claim. Claim 23 is amended to now depend from independent claim 20. Accordingly, withdrawal of the objection to claim 23 is respectfully requested.

Claim Rejections – 35 U.S.C. §102

On page 3, item 7 of the September 29th Office Action, claims 1-2, 5, 7-8, 11, 13, 16, 18, 20-22, 24, and 26 were rejected under 35 U.S.C. 102(b) as anticipated by Fujita (U.S. Patent No. 5,544,052).

Applicant's independent Claim 1 recites a "plurality of wavelet and scaling coefficients" representing a "geographic feature;" independent Claims 8 and 11 recite a "plurality of wavelet and scaling coefficients" associated with the "geographic feature;" independent Claims 13 and 16 recite a "plurality of wavelet and scaling coefficients" represent "cartographic data;" and independent Claims 20 and 24 recite a "plurality of wavelet and scaling coefficients" represent "geographic features." Fujita does not anticipate any of the independent Claims 1, 8, 11, 13, 16, 20 and 24 because Fujita fails to disclose "plurality of wavelet and scaling coefficients."

Appl. No. 09/706,926
Amdt. dated December 29, 2003
Reply to Office Action of September 29, 2003

Fujita teaches a coordinate transformation of a map projection in a cartographic system. Fujita disclosed in Column 14 a linear coordinate transformation using a transform matrix; however, Fujita completely fails to disclose the recited *wavelet coefficients*.

Because Fujita does not disclose the recited claim element of *wavelet coefficients*, Applicant's Claims 1-2, 5, 7-8, 11, 13, 16, 18, 20-22, 24, and 26 are not anticipated by Fujita. Accordingly, reconsideration and withdrawal of the rejection of claims 1-2, 5, 7-8, 11, 13, 16, 18, 20-22, 24, and 26 under 35 U.S.C. 102(b) is respectfully requested.

Claim Rejections – 35 U.S.C. §103

On page 7, item 9 of the September 29th Office Action, claims 3-4, 9-10, 12, 14-15, 17, 23, 25, and 27 were rejected under 35 U.S.C. 103(a) as unpatentable over Fujita in view of Feigenbaum (U.S. Patent No. 5,737,508).

As discussed above, Fujita does not disclose the recited claim element of a "plurality of wavelet and scaling coefficients." Additionally, the secondary reference Feigenbaum does not disclose a "plurality of wavelet and scaling coefficients" as recited in the independent claims 1, 8, 11, 13, 16, 20, and 24.

Feigenbaum disclosed a method of smoothing fractally-curved lines that does not disclose or suggest *wavelet coefficients* used with coordinate triples, coordinate pairs or boundaries of the geographic features or cartographic data. Because Fujita and Feigenbaum fail to disclose all of the limitations of Applicant's independent Claims 1, 8, 11, 13, 16, 20, and 24, dependent Claims 3-4, 9-10, 12, 14-15, 17, 23, 25, and 27 are not obvious over this combination. Accordingly, reconsideration and withdrawal of the rejection of claims 3-4, 9-10, 12, 14-15, 17, 23, 25, and 27 under 35 U.S.C. 103(a) over the combination of Fujita and Feigenbaum is respectfully requested.

On page 8, item 10 of the September 29th Office Action, Claims 6 and 19 were rejected under 35 U.S.C. 103(a) as unpatentable over Fujita in view of Davidson (U.S. Patent No. 6,516,099).

As discussed above, Fujita does not disclose the recited claim element of a "plurality of wavelet and scaling coefficients." Additionally, the secondary reference Davidson does

Appl. No. 09/706,926
Amdt. dated December 29, 2003
Reply to Office Action of September 29, 2003

not disclose a "plurality of wavelet and scaling coefficients" as recited in the independent claims 1 and 16.

Davidson disclosed performing an image matching technique using, in Column 20, an adaptive least squares correlation. However, Davidson completely fails to disclose the recited *wavelet coefficients*. Because Fujita and Davidson fail to disclose all of the limitations of Applicant's independent Claims 1 and 16, dependent Claims 6 and 19 are not obvious over this combination. Accordingly, reconsideration and withdrawal of the rejection of claims 6 and 19 under 35 U.S.C. 103(a) over Fujita in view of Davidson is respectfully requested.

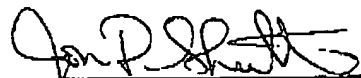
Applicant's dependent Claims 2-7, 9-10, 12, 14-15, 17-19, 21-23 and 25-27

The remaining of Applicant's claims 2-7, 9-10, 12, 14-15, 17-19, 21-23 and 25-27 are dependent claims that distinguish the cited references at least for the same reasons explained above in connection with their independent base claims. In addition, these claims recite further features and limitations that are neither disclosed nor suggested by these references.

Conclusion

All the issues in the Office Action dated September 29, 2003 have been addressed. Favorable consideration of the present application is requested. If any issues remain, the Examiner is invited to call the undersigned.

Respectfully submitted,



Jon D. Shutter
Reg. No. 41,311
Patent Counsel

NAVIGATION TECHNOLOGIES CORPORATION
222 Merchandise Mart Plaza, Suite 900
Chicago, IL 60654
(312) 894-7000 x7365